

**Notice of Allowability**

Application No.

09/782,926

Examiner

HUNG Q. PHAM

Applicant(s)

FOSTER ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/03/06.
2. ☒ The allowed claim(s) is/are 1-9 and 37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application
- ☒ Interview Summary (PTO-413), Paper No./Mail Date 09/11/06
- ☒ Examiner's Amendment/Comment
- ☐ Examiner's Statement of Reasons for Allowance
- ☐ Other \_\_\_\_\_

  
TIM VO  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

### EXAMINER'S AMENDMENT

- An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with applicants' representative, Robert B. Berube, on 09/11/06.

- In the Claims filed on 07/03/06, please  
**CANCEL** claims 27-36, 38 and 39.  
**REPLACE** claims 1, 5 and 6 by the clean version as indicated below (without cross marked and underlined):

Claim 1. *A computer implemented collaboration system integrating legacy system components, said computer implemented collaboration system comprising:*

*a plurality of user terminals connected to a data network, wherein a plurality of participants accesses at least one conference within a context via said user terminals;*

*a data management tier including data sources, at least one of the data sources being a legacy data source;*

*a repository tier including repository servers, each of said repository servers being associated with one of said data sources, said repository servers accessing data items within their respective associated said data sources using access methods native to their respective associated said data sources to create at least one document including data items selected from their respective associated said data sources, said created at least one document being associated with the at least one conference by at least one of the plurality of participants;*

*a user interface tier including at least one client tool for displaying the accessed data items within their respective associated said data sources in client tool interfaces displayed on said user terminals;*

*a services tier including at least one data channel server associated with said created at least one document, said at least one data channel server being created when said created at least one document is associated with said at least one conference, said at least one data channel server including a data model and providing an interface between said repository servers and said at least one client tool, wherein said at least one client tool receives said data model from said at least one data channel server and registers with said at least one data channel server to be informed of events received by said at least one data channel server from said data model; and*

*at least one extended property associated with each data item within said data sources, a current version of said at least one extended property being maintained within said data model of said at least one data channel server and displayed by said at least one client tool only within said at least one conference with which said created at least one document is associated, whereby the plurality of participants collaboratively access and manipulate selected data items included in said created at least one document associated with said at least one conference using said at least one client tool to solve a problem of said context,*

*wherein said context and said problem relate to an intelligence gathering and analysis operation, wherein said created at least one document represents at least one of logistics data, signal intelligence data, terrain data, map data, and image data.*

Claim 5. *The computer implemented collaboration system of claim 1 further comprising:*  
*a query viewing client tool constructing queries for selecting data from said at least one data source meeting particular criteria; and*  
*a library server providing an interface between said query viewing client tool and said at least one repository server.*

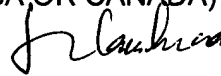
Claim 6. *The computer implemented collaboration system of claim 5 wherein said query viewing client tool constructs at least one of a standing query and a static query.*

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUNG Q. PHAM whose telephone number is 571-272-4040. The examiner can normally be reached on Monday-Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIM T. VO can be reached on 571-272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

- Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
HUNG Q PHAM  
Examiner  
Art Unit 2168

September 11, 2006

  
TIM VO  
SUPERVISORY PATENT EXAMINER  
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